THE CANADIAN JOURNAL OF OPHTHALMOLOGY

Volume 8-1973

EDITORIAL BOARD — BUREAU DE RÉDACTION

Editor-in-Chief - Rédacteur en chef

DR. HOWARD REED

Winnipeg Clinic, 425 St. Mary Avenue, Winnipeg, Manitoba R3C 0N2

Editors — Rédacteurs

DR. CLEMENT McCULLOCH DR. STEPHEN M. DRANCE DR. CLAUDE MONFETTE

Associate Editors - Adjoints à la rédaction

DR. T. A. S. BOYD DR. GILLES CÔTÉ DR. P. L. DAVIS DR. JEAN DE MARGERIE DR. C. C. EWING
DR. DONALD W. MILLS
DR. J. H. QUIGLEY
DR. DAVID A. ROSEN

DR. A. GARDNER WATSON

LE JOURNAL CANADIEN D'OPHTALMOLOGIE

INDEX OF AUTHORS

	Page
Abendanio, Ruperto, with Valentin, Mario J. Gonorrheal conjunctivitis	421
Adams, Samuel T. Arctic ophthalmological survey, 1970-71 — The Government of Canada and Canadian Universities	218
Alexander, John C. C. Ocular abnormalities among congenitally deaf children	428
Alsbirk, P. H. Angle closure surveys in Greenland Eskimos: a preliminary report	260
Alsbirk, P. H. with Forsius, H. Anterior chamber depth in Eskimos from Greenland, Canada (Igloolik) and Alaska (Wainwright), A preliminary report	265
Amoni, Samuel T. with Rodrigues, Merlyn, M. and Shannon, Gerard M. Breast carcinoma metastatic to the eyelid	167
Axsmith, K. with Johnson, G. J. and Desser, S. S. The elusive loa-ioa — a case report of filariasis in Canada	492
Basmadjian, P. with Labelle, P. and Dumas, J. The natural evolution of juvenile retinoschisis	33
Basu, P. K. with Carré, F. A study of cells in human corneal grafts	1
Basu, P. K. with Hassany, S. M. and Karsdan, J. J. Production of corneal ulcer by opportunistic and saprophytic fungi	119
Basu, P. K. with Ghartey, K. N. and Matuk, Y. Platelet aggregation in corneal xenograft reaction	
Basu, P. K. with Lee, D. S. A comparative study of the corneal graft reaction	
in allo-and xenogeneic models	
Hydrolytic enzymes in corneal graft reaction	577

	609
	Page
Baxter, Jacqueline with Dixon, William S., Turner, M. Louise	
and Ruben, Montague Unilateral aphakia and corneal contact lenses	97
Bernstein, Howard N. with Stow, M. Noel and Maddox, Yvonne Evaluation of the "aseptization" procedure for the Soflens	575
hydrophylic contact lens	575
Boniuk, Vivien Refractive problems in native peoples (the Sioux Lookout project)	229
Boyd, T. A. S. with Wyatt, Henry T.	244
Strabismus and strabismic amblyopia in Northern Canada	244
Breslin, C. W. with Parker, J. A. Frequency spectrum analysis of the dark-adapted electroretinogram	106
Brosnan, J. Deen Primary angle closure glaucoma in a young woman of nineteen years	157
Bryett, J. with Drance, Stephen M., Morgan, R. W. and Fairclough, M. Anterior chamber depth and gonioscopic findings among Eskimos and Indians in the Canadian Arctic	255
Bustillo, J. L.	
A technical approach to anterior segment surgery	456
Butler, Gordon C.	
Delivery of health care in Northern Canada	188
Campbell, Donald J. with Kim, Joo Ok and Hassard, D. T. R.	
On the enzymology of the cornea, Part I	132
Carré, F. with Basu, P. K.	
A study of cells in human corneal grafts	1
Cass, Elizabeth A decade of northern ophthalmology	210
Chowchuvech, E. with Sawicki, L., Weissenbacher, M. and Galin, M. A. Interferon and residual In.Cn in rabbit eyes following topical or subconjunctival application of the polynucleotide	569
Clemmesen, Viggo	
Ophthalmic care in Greenland	234
Clemmensen, Viggo Gonioscopic screenings in Greenland	270

	Page
Coleman, D. Jackson with Jack, Robert L. Diagnosis of retinal detachment with B-scan ultrasound	10
Collen, Morris F. with Levatin, Paul and Prasloski, Peter F. The swinging flashlight test in multiphasic screening for eye disease	356
Crawford, J. S. Repair of blepharoptosis with a modification of the Fasanella-Servat operation	19
Davis, Peter with Lerman, Sidney and Jackson, W. Bruce Prolonged release hydrocortisone therapy	114
Der Kaloustian, Vazken M. with Tabbara, Khalid F. and Khouri, Farid P. Rieger's syndrome with chromosomal anomaly	488
Desser, S. S. with Johnson, G. J. and Axsmith, K. The elusive loa-loa — a case report of filariasis in Canada	492
Dixon, William S. with Baxter, Jacqueline, Turner, Louise M. and Ruben, Montague Unilateral aphakia and corneal contact lenses	97
Douglas, Gordon R. A comparison of acetylcholine and carbachol following cataract extraction	75
Drance, Stephen M. Angle closure glaucoma among Canadian Eskimos	252
Drance, Stephen M. with Morgan, R. W., Bryett, J. and Fairclough, M. Anterior chamber depth and gonioscopic findings among Eskimos and Indians in the Canadian Arctic	255
Drance, Stephen M. The implications on the findings and suggestions for the management of angle closure glaucoma in northern	
communities (Glaucoma panel — summary)	278
Drance, Stephen M. with Vargas, E. Trabeculectomy and thermosclerectomy — a comparison of two procedures	413
Dubé, Ide with Tremblay, Michael Macular dystrophy of the cornea	47

	011
	Page
Dumas, J. with Basmadjian, G. and Labelle, P.	
The natural evolution of juvenile retinoschisis	33
	33
du Toit, M. M. S.	
Stromal herpes, I.D.U. and steroids	62
Dyson, Charles with Schindler, R. F.	
Choroidal metastases from carcinoma of the breast	434
Choloda hicastases from eatenionia of the oleast	101
Erikkson, A. W. with Forsius, Henrik	
The cornea at northern latitudes — corneal power, arcus senilis	
and corneal scars in Eskimos, Lapps and Finns	280
Erikkson, A. W. with Forsius, H., Krause, U., Helve, J., Vuopala, V.,	
Mustonen, E., Vaino-Matilla, B. and Fellman, J.	205
Visual acuity in 183 cases of X-chromosomal retinoschisis	385
Fairclough, M. with Drance, Stephen M., Morgan, R. W. and Bryett, J.	
Anterior chamber depth and gonioscopic findings among Eskimos	
and Indians in the Canadian Arctic	255
and and an inter-control and a	200
Fellman, J. with Forsius H., Krause, U., Helve, J., Vuopala, V.,	
Mustonen, E., Vaino-Mattila, B. and Eriksson, A. W.	
Visual acuity in 183 cases of X-chromosomal retinoschisis	385
Flindall, R. J. with Leonard, B. C.	=
The effect of corticosteroids on the retinal cryoadhesion	566
Forsius, H. with Alsbirk, P. H.	
Anterior chamber depth in Eskimos from Greenland, Canada	
(Igloolik) and Alaska (Wainwright), a preliminary report	265
and the second s	
Forsius, Henrik with Luukka, H.	
Pseudoexfoliation of the anterior capsule of the lens	
in Lapps and Eskimos	274
Forsius, Henrik with Eriksson, A. W.	
The cornea in northern latitudes — corneal power, arcus senilis	
and corneal scars in Eskimos, Lapps and Finns	280
	200
Forsius, H. with Krause, U., Helve, J., Vuopala, V., Mustonen, E.,	
Vaino-Matilla, B., Fellman, J. and Eriksson, A. W.	
Visual acuity in 183 cases of X-chromosomal retinoschisis	385
Frankelson, E. N. with Shaffer, R. N. and Hetherington, J., Jr.	
Guarded thermal sclerostomy	330

	Page
Freedman, Arnold Labrador keratopathy and related diseases	286
Galin, M. A. with Sawicki, L., Chowchuvech, M. and Weissenbacher, M.	
Interferon and residual In.Cn in rabbit eyes following topical or subconjunctival application of the polynucleotide	569
Ghartey, K. N. with Basu, P. K. and Matuk, Y. Platelet aggregation in corneal xenograft reaction	344
Tratelet aggregation in corneal sellogrant reaction	344
Ghosh, M. with Speakman, J. S. The ciliary body in senile exfoliation of the lens	394
Ghosh, Mrinmay with McCulloch, Clement	
Macular corneal dystrophy	515
Gimbel, Howard V. The control of myopia with atropine	527
Golden, Bruce with Jarudi, Nabil I. and Huggett, David O Reovirus keratoconjunctivitis	371
Goldthwaite, D. with Lakowski, R. and Sutherland, J. Modification of the Goldmann-Weekers adaptometer to a self-testing device	478
Grant, Desmond with Wyatt, Henry T.	,,,
Spectacle frame breakage in Northern Canada	241
Hall, Joan M. with Pribnow, J. F., Stewart, J. R. and Vedros, N. A. The ocular inflammation produced following intravitreal injection	261
of a stable L-phase variant of Neisseria Meningitidis	361
Harris, Gordon S. Treatment of macular detachment	317
Hasany, S. M. with Basu, P. K. and Karsdan, J. J. Production of corneal ulcer by opportunistic and	
saprophytic fungi	119
Hassard, D. T. R. with Poohkay, M. E. Fingerprint dystrophy of the cornea	54

	Page
Hassard, D. T. R. with Kim, Joo Ok and Campbell, Donald J.	
On the enzymology of the cornea, Part I	132
Hassard, D. T. R. with Kim, Joo Ok	
On the enzymology of the cornea. Part II	139
Hassard, D. T. R. with Kim, Joo Ok	
On the enzymology of the cornea. Part III	145
Hassard, D. T. R. with Kim, Joo Ok	
On the enzymology of the cornea. Part V	151
Helve, J. with Forsius, H., Krause, U., Vuopala, V., Mustonen, E., Vaino-Matilla, B., Fellman, J. and Eriksson, A. W.	
Visual acuity in 183 cases of X-chromosomal retinoschisis	385
Hetherington, J. Jr. with Frankelson, E. N. and Shaffer, R. N.	
Guarded thermal sclerostomy	330
Hill, Joseph C. with Noble, Robert I. and Webb, Cecil	
The dry socket — a new lubricant	59
Hill, Alan with Zaleski, Witold A. and Murray, Robert G.	
Corneal erosions in tyrosinosis	556
Hill, Joseph C. with Mandelcorn, Mark S.	
Orbital blast injury — a case report	597
Hill, Kevin	
Vertical recti displacement without disinsertion in the treatment of lateral rectus palsy	437
Hoar, B. H. with Richards, J. S. F.	10,
Keratopathy in patients with acute cerebral vascular accidents	560
Huggett, David O. with Jarudi, Nabil I. and Golden, Bruce	
Reovirus keratoconjunctivitis	371
Jack, Robert L. with Coleman, D. Jackson	
Diagnosis of retinal detachment with B-scan ultrasound	10
Jackson, W. Bruce with Lerman, Sydney and Davis, Peter	
Prolonged release hydrocortisone therapy	114
Jarudi, Nabil I. with Huggett, David O. and Golden, Bruce	
Reovirus keratoconjunctivitis	371

	Page
Johnson, D. G. Keratoconjunctivitis associated with wearing hydrophilic contact lenses	92
Johnson, G. J. with Axsmith, K. and Desser, S. S. The elusive loa-loa — a case report of filariasis in Canada	492
Johnston, A. C. Giant-cell arteritis: ophthalmic and systemic considerations	38
Kamel, Ibranim D. with Parker, John A. Protection from ultraviolet exposure in aphakic erythropsia	563
Karsdan, J. J. with Hasany, S. M. and Basu, P. K. Production of corneal ulcer by opportunistic and saprophytic fungi	119
Kelman, Charles D. Phaco-emulsification and aspiration of senile cataracts: a comparative study with intra-capsular extraction	24
Khouri, Farid P. with Tabbara, Khalid F. and Der Kaloustian, Vazken M. Rieger's syndrome with chromosomal anomaly	488
Kirkham, T. H. with Sanders, M. D. and Sapp, G. A. Unilateral papilloedema in benign intracranial hypertension	533
Kim, Joo Ok with Campbell, Donald J. and Hassard, D. T. R. On the enzymology of the cornea. Part I	132
Kim, Joo Ok with Hassard, D. T. R. On the enzymology of the cornea. Part II	139
Kim, Joo Ok with Hassard, D. T. R. On the enzymology of the cornea. Part III	145
Kim, Joo Ok with Hassard, D. T. R. On the enzymology of the cornea. Part V	151
Kloeti, R. with Schirmer, K. E. Contact lenses for fundus examination and vitreous surgery with focal illumination	416
Kratky, V. with Schirmer, K. E. Photogrammetry of the optic disc	78

	Page
Krause, U. with Forsius, H., Helve, J., Vuopala, V., Mustonen, E., Vaino-Mattilla, B., Fellman, J. and Eriksson, A. W.	
Visual acuity in 183 cases of X-chromosomal retinoschisis	385
Labelle, P. with Basmadjian, G. and Dumas, J. The natural evolution of juvenile retinoschisis	33
Lakowski, R. with Sutherland, J. and Goldthwaite, D. Modification of the Goldmann-Weekers adaptometer to a self-testing device	478
Lantz, J. M. with Quigley, J. H. Intraocular pressure after cataract extraction: effects of alpha-chymotrypsin	339
Lee, D. S. with Basu, P. K. A comparative study of the corneal graft reaction in alloand xenogeneic models	444
Leonard, B. C. with Flindall, R. J. The effects of corticosteroids on the retinal cryoadhesion	566
Lerman, Sydney with Davis, Peter and Jackson, W. Bruce Prolonged release hydrocortisone therapy	114
Letocha, Charles F. with Rodrigues, Merlyn M. and Spaeth, George L. Unusual ciliary staphyloma	497
Levatin, Paul, with Prasloski, Peter F. and Collen, Morris F. The swinging flashlight test in multiphasic screening for eye disease	356
Levatin, Paul with Raskind, Robert Delayed appearance of papilledema	451
Luukka, H. with Forsius, Henrik Pseudoexfoliation of the anterior capsule of the lens in Lapps and Eskimos	274
Lythgoe, Colin with Ramsey, Michael S. A possible case of oculo-cerebro-renal (Lowe's) syndrome in a female infant	591
Maddox, Yvonne with Bernstein, Howard N. and Stow, M. Noel Evaluation of the "aseptization" procedure for the Soflens hydrophylic contact lens	575
* **	

	Page
Mandelcorn, M. S. with Theodor, L. H. Hysterical blindness — case report	353
Mandelcorn, M. S. with Hill, Joseph C. Orbital blast injury — a case report	597
Matuk, Y. with Ghartey, K. N. and Basu, P. K. Platelet aggregation in corneal xenograft reaction	344
McCulloch, Clement with Ghosh, Mrinmay Macular corneal dystrophy	515
Morgan, R. W. with Munro, M. Refractive problems in native peoples	226
Morgan, R. W. with Drance, Stephen M., Bryett, J. and Fairclough, M. Anterior chamber depth and gonioscopic findings among the Eskimos and Indians in the Canadian Arctic	255
Mukai, Noritsugu Peroxidase diffusion in the normal sensory retina	582
Munro, M. with Morgan, R. W. Refractive problems in native peoples	226
Murphy, Sean B. with Myles, Terence S. Gliomas of the optic nerve and chiasm	508
Murray, D. K. Chromophobe adenoma of pituitary — the silent lesion	164
Murray, Robert G. with Zaleski, Witold and Hill, Alan Corneal erosions in tyrosinosis	556
Mustarde, J. C. Trauma in the orbital region	334
Mustonen, E. with Forsius, H., Krause, U., Helve, J., Vuopala, V., Vaino-Matilla, B., Fellman, J. and Eriksson, A. W. Visual acuity in 183 cases of X-chromosomal retinoschisis	385
Myles, S. Terence with Murphy, Sean B. Gliomas of the optic nerve and chiasm	508

	Page
Nicholls, John V. V. Vision and learning disabilities	383
Nizetic, B. Perspectives in ophthalmology — a public health point of view	311
Noble, Robert I. with Hill, Joseph C. and Webb, Cecil The dry socket — a new lubricant	59
Oliver, G. with Schindler, R. and Watson, T. A. Carcinoma of the lacrimal sac	161
O'Neill, R. with Shea, M. The effects of bacterial collagenase in rabbit vitreous	366
Panton, C. M. with Sheppard, R. W. and Smith, D. R. The single horizontal muscle recession operation	68
Parker, J. A. with Breslin, C. W. Frequency spectrum analysis of the dark-adapted electroretinogram	106
Parker, John A. with Simon, F. A quantitative study of flare by refractometry on rabbit plasmoid aqueous	460
Parker, John A. A model for E.R.G. oscillatory potentials	466
Parker, John A. Retina receptor and area distribution functions	468
Parker, John A. with Simon, F. The influence of aqueous index on refractive error	470
Parker, John A. Polar diagrams of the cross cylinder	472
Parker, John A. Distortion of pupil size by the cornea	474
Parker, John A. Distortion in retinal charting	476

	Page
Parker, John A. with Kamel, Ibranim D. Protection from ultraviolet exposure in aphakic erythropsia	563
Phillips, M. J. with Speakmen, J. S. Cellular and malignant blue nevus complicating oculodermal melanosis	539
Pinkerton, Ronald M. H. The mechanism of symptomatic relief in cyclocryosurgery	408
Pinkerton, Ronald M. H. with Wener, Robert G. and Robertson, David M. Cryosurgical induced changes in corneal nerves	548
Poohkay, M. E. with Hassard, D. T. R. Fingerprint dystrophy of the cornea	54
Prasloski, Peter F. with Levatin, Paul and Collen, Morris F. The swinging flashlight test in multiphasic screening for eye disease	356
Pribnow, J. F. with Hall, Joan M., Stewart, R.H. and Vedros, N. A. The ocular inflammation produced following intravitreal injection of a stable L-phase variant of Neisseria Meningitidis	361
Quigley, J. H. with Lantz, J. M. Intraocular pressure after cataract extraction; effects of alpha-chymotrypsin	339
Ramsey, Michael S. with Lythgoe, Colin A possible case of oculo-cerebro-renal (Lowe's) syndrome in a female infant	591
Raskind, Robert with Levatin, Paul Delayed appearance of papilledema	451
Richards, J. S. F. with Hoar, B. H. Keratopathy in patients with acute cerebral vascular accidents	560
Robertson, David M. with Wener, Robert G. and Pinkerton, Ronald M. H. Cryosurgical induced changes in corneal nerves	548
Rodrigues, Merlyn M. with Amoni, Samuel S. and Shannon, Gerard M. Breast carcinoma metastatic to the eyelid	167

	Page
Rodrigues, Merlyn M. with Letocha, Charles E. and Spaeth, George L.	
Unusual ciliary staphyloma	497
Rosen, Joel with Tanenbaum, Howard L.	
Venous shunting and macular edema	349
Ruben, Montague with Dixon, William S., Baxter, Jacqueline and Turner, M. Louise	
Unilateral aphakia and corneal contact lenses	97
0 1 M B 11 W 11	
Sanders, M. D. with Kirkham, T. H. and Sapp, G. A.	522
Unilateral papilloedema in benign intracranial hypertension	533
Sapp, G. A. with Kirkham, T. H. and Sanders, M. D.	
Unilateral papilloedema in benign intracranial hypertension	533
Omnated at pupilional in oblings include an appearance hypothesis in the control of the control	000
Sawicki, L. with Chowchuvech, E., Weissenbacher, M. and Galin, M. A.	
Interferon and residual In.Cn in rabbit eyes following topical	
or subjunctival application of the polynucleotide	569
Schaefer, Otto	
The changing health picture in the Canadian North	196
Schindler, R. with Watson, T. A. and Oliver, G.	
Carcinoma of the lacrimal sac	161
Schindler, R. F. with Dyson, Charles	424
Choroidal metastases from carcinoma of the breast	434
Schirmer, K. E. with Kratky, V.	
Photogrammetry of the optic disc	78
	70
Schirmer, K. E. with Kloeti, R.	
Contact lenses for fundus examination and vitreous surgery	
with focal illumination	416
Shaffer, R. N. with Frankelson, E. N. and Hetherington, J. Jr.	
Guarded thermal sclerostomy	330
Outsided informal scientistonly	000
Shannon, Gerard M. with Amoni, Samuel S. and Rodrigues, Merlyn M.	
Breast carcinoma metastatic to the eyelid	167
Shea, M. with O'Neill, R.	
The effects of bacterial collagenase in rabbit vitreous	366

	Page
Sheppard, R. W. with Panton, C. M. and Smith, D. R. The single horizontal muscle recession operation	68
Simon, F. with Parker, John A.	
A quantitative study of flare by refractometry on rabbit	
plasmoid aqueous	460
Simon, F. with Parker, John A.	
The influence of aqueous index on refractive error	470
Slatt, Bernard S. with Stein, Harold A.	
Clinical impressions of hydrophilic lenses	83
Smith, D. R. with Sheppard, R. W. and Panton, C. M.	
The single horizontal muscle recession operation	68
Spaeth, George L. with Letocha, Charles E. and Rodrigues, Merlyn M.	
Unusual ciliary staphyloma	497
Speakman, J. S. with Ghosh, M.	
The ciliary body in senile exfoliation of the lens	394
Speakman, J. S. with Phillips, M. J.	
Cellular and malignant blue nevus complicating	
oculodermal melanosis	539
Stein, Harold A. with Slatt, Bernard S.	
Clinical impressions of hydrophilic lenses	83
Stewart, R. H. with Pribnow, J. F., Hall, Joan M. and Vedros, N. A.	
The ocular inflammation produced following intravitreal injection	
of a stable L-phase variant of Neisseria Meningitidis	361
Stow, M. Noel with Bernstein, Howard N. and Maddox, Yvonne	
Evaluation of the 'aseptization' procedure for the Soflens	
hydrophylic contact lens	575
Sutherland, J. with Lakowski, R. and Goldthwaite, D.	
Modification of the Goldmann-Weekers adaptometer to a	
self-testing device	478
Tabbara, Khalid F. with Khouri, Farid P. and Der Kaloustian, Vazken M.	
Rieger's syndrome with chromosomal anomaly	488

	OMA
	Page
Taichman, N. S. with Basu, P. K.	
Hydrolytic enzymes in corneal graft reaction	577
Tanenbaum, Howard L. with Rosen, Joel	
Venous shunting and macular edema	349
Theodor, L. H. with Mandelcorn, M. S.	
Hysterical blindness — case report	353
Tremblay, Michael with Dubé, Ide	
Macular dystrophy of the cornea	47
Turner, M. Louise with Dixon, William S., Baxter, Jacqueline	
and Ruben, Montague	
Unilateral aphakia and corneal contact lenses	97
Vaino-Matilla, B. with Forsius, H., Krause, U., Helve, J.,	
Vuopala, V., Mustonen, E., Fellman, J. and Eriksson, A. W.	
Visual acuity in 183 cases of X-chromosomal retinoschisis	385
Valenton, Mario J. with Abendanio, Ruperto	
Gonorrheal conjunctivitis	421
Vargas, E, with Drance, Stephen M.	
Trabeculectomy and thermosclerectomy — a comparison	
of two procedures	413
Vedros, N. A. with Probnow, J. F., Hall, Joan M. and Stewart, R. H.	
The ocular inflammation produced following intravitreal injection	
of a stable L-phase variant of Neisseria Meningitidis	361
Vuopala, V. with Forsius, H., Krause, U., Helve, J., Mustonen, E.,	
Vaino-Matilla, B., Fellman, J. and Eriksson, A. W.	
Visual acuity in 183 cases of X-chromosomal retinoschisis	385
Watson, T. A. with Schindler, R. and Oliver, G.	
Carcinoma of the lacrimal sac	161
Webb, Cecil with Noble, Robert I. and Hill, Joseph C.	
The dry socket — a new lubricant	. 59
Webb, M. L.	
Some of the objectives, attainments, aspirations and possible	205
future developments of health care in the North	205

	Page
Weissenbacher, M. with Sawicki, L., Chowchuvech, E. and Galin, M. Interferon and residual In.Cn in rabbit eyes following topical	
or subconjunctival application of the polynucleotide	569
Wener, Robert G. with Pinkerton, Ronald M. H. and	
Robertson, David M.	
Cryosurgical induced changes in corneal nerves	548
Wyatt, Henry T. with Grant, Desmond	
Spectacle frame breakage in Northern Canada	241
Wyatt, Henry T. and Boyd, T. A. S.	
Strabismus and strabismic amblyopia in Northern Canada	244
Wyatt, Henry T.	
Abnormalities of cornea, lens and retina. Survey findings	291
Wyatt, Henry T.	
Corneal disease in the Canadian North	298
Zaleski, Witold A. with Hill, Alan and Murray, Robert G.	
Corneal erosions in tyrosinosis	556
Zavalia, Alberto-Urrets	
Recurrence of central serous choroidopathy	
after photocoagulation	404

INDEX OF SUBJECTS

	Page
Acetylcholine, a comparison with carbachol following	
cataract extraction	75
Alaska (Wainwright), anterior chamber depth in Eskimos from	265
Alpha-chymotrypsin, effects on intraocular pressure	
after cataract extraction	339
Angle closure surveys in Greenland Eskimos	260
Anterior capsule of the lens, pseudoexfoliation in Lapps and Eskimos	274
Anterior chamber depth and gonioscopic findings among Eskimos	
and Indians in the Canadian Arctic	255
in Eskimos from Greenland, Canada (Igloolik) and	265
Alaska (Wainwright)	265
Anterior segment surgery, a technical approach	456
Aphakia, unilateral, and corneal contact lenses	97
Aqueous, index, influence on refractive error	470
rabbit plasmoid, quantitative study of flare by refractometry on	460
Arctic, Canadian, anterior chamber depth and gonioscopic findings	
among Eskimos and Indians in	255
ophthalmological survey, 1970-71 — the Government of Canada	210
and Canadian Universities	218
ophthalmology symposium	3-310
Arcus senilis, corneal power and corneal scars in Eskimos,	
Lapps and Finns	280
Arteritis, giant cell, ophthalmic and systemic considerations	38
Bacterial collagenase, effects in rabbit vitreous	366
Bibliography prepared by the Arctic Institute of North America	309
Blepharoptosis, repair with a modification of the	
Fasanella-Servat operation	19

	Page
Carbachol, a comparison with acetylcholine following	
cataract extraction	75
Carcinoma, breast, metastic to the eyelid	167
breast, choroidal metastases from	434
Cataract extraction, comparison of acetylcholine and carbachol	75
extraction, effects of alpha-chymotrypsin on intraocular pressure	339
senile, phaco-emulsification and aspiration, a comparative study with intra-capsular extraction	24
Cerebral vascular accidents, keratopathy in patients with	560
Choroid, central serous choroidopathy recurring after photocoagulation	404
metastases from carcinoma of the breast	434
Chromophobe adenoma of pituitary	164
Chromosomal anomaly in Rieger's syndrome	488
Ciliary body in senile exfoliation of the lens	394
Conjunctivitis, gonorrheal	421
Contact lenses, corneal, in unilateral aphakia	97
focal illumination	416
hydrophilic, clinical impressions of	83
hydrophilic, keratoconjunctivitis associated with	92
hydrophilic, evaluation of the 'aseptization' procedure for the Soflens	575
Cornea, lens and retina, abnormalities of, Arctic survey findings	291
distortion of pupil size by	474
enzymology of: Part I	132
enzymology of: Part II	139
enzymology of; Part III	145
enzymology of: Part V	151
fingerprint dystrophy of	54
keratopathy in acute cerebral vascular accidents	560
keratopathy, Labrador, and related diseases	286

	Page
Eskimos, Canadian, angle closure glaucoma in	252
corneal power, arcus senilis and corneal scars in	280
Greenland, angle closure surveys in	260 255
from Greenland, Canada and Alaska, anterior chamber depth in	265 274
Exfoliation of the lens, senile, ciliary body in	394
Eyelid, breast carcinoma metastatic to	167
Fasanella-Servat operation, modification in repair of blepharoptosis	19
Filariasis in Canada — case report	492
Finns, corneal power, arcus senilis and corneal scars in	280
Flare, quantitative study by refractometry on rabbit plasmoid aqueous	460
Frequency spectrum analysis of the dark-adapted electroretinogram	106
Glaucoma, angle closure in Canadian Eskimos	250
angle closure in Greenland Eskimos	260
angle closure in northern communities	278
angle closure in a young woman of nineteen years	157
anterior chamber depth in Eskimos from Greenland,	265
Canada and Alaska	265
gonoscopic screenings in Greenland	270
guarded thermal sclerostomy	330
Gliomas of the optic nerve and chiasm	508
Goldmann-Weekers adaptometer, modification to a self-testing device	478
Gonioscopic findings and anterior chamber depth in Eskimos and Indians in the Canadian Arctic	255
screenings in Greenland	
Gonorrheal conjunctivitis	421

in patients with acute cerebral vascular accidents

560

	Page
Keratoplasty, study of cells in human corneal grafts	1
corneal graft reaction in allo-and xenogeneic models	444
hydrolytic enzymes in corneal graft reaction	577
platelet aggregation in corneal xenograft reaction	344
Lacrimal sac, carcinoma of	161
Lapps, corneal power, arcus senilis and corneal scars in	280
pseudoexfoliation of the anterior capsule of the lens in	274
Lateral rectus palsy, treatment by displacement of vertical recti without disinsertion	437
Lens, abnormalities of: Arctic survey findings	291
pseudoexfoliation of the anterior capsule of, in Lapps and Eskimos	274
senile exfoliation of	394
Loa-loa — case report of filariasis in Canada	492
Lowe's syndrome, a possible case in a female infant	591
Macular detachments, treatment of	317
Macular edema and venous shunting	349
Medic-Alert	507
Melanosis, oculodermal, complicated by cellular and malignant blue nevus	539
Myopia, control with atropine	527
Neisseria Meningitidis, ocular inflammation produced by intravitreal injection of a stable L-phase variant of	361
Nevus, cellular and malignant blue, complicating oculodermal melanosis	539
North, Canadian, changing health picture in	196
corneal disease in	298
delivery of health care in	188
spectacle frame breakage in	241

	629
	Page
strabismus and strabismic amblyopia in	244
Northern latitudes, cornea in	280
objectives and future developments in health care in	205
ophthalmology, a decade of	210
Ocular inflammation produced by intravitreal injection of a stable L-phase variant of Neisseria Meningitidis	361
Oculo-cerebro-renal (Lowe's) syndrome, possible case in a female infant	591
Opportunistic fungi, production of corneal ulcer by	119
Optic chiasm, gliomas of	508
disc, photogrammetry of	78
nerve, gliomas of	508
Orbital blast injury	597
Orbital region, trauma of	334
Papilledema, delayed appearance of	451
unilateral, in benign intracranial hypertension	533
Peroxidase diffusion in the normal sensory retina	582
Perspectives in ophthalmology	311
Phaco-emulsification and aspiration of senile cataracts	24
Photocoagulation followed by recurrence of central serous choroidopathy	404
Photogrammetry of the optic disc	78
Pituitary, chromophobe adenoma of	164
Platelet aggregation in corneal xenograft reaction	344
Polynucleotide, interferon and residual In.Cn in rabbit eyes following	560

	Page
Pseudoexfoliation of the anterior capsule of the lens in	27.4
Lapps and Finns	274
Public health point of view in perspectives in ophthalmology	311
Pupil size, distortion by cornea	474
Refractive problems in northern natives	226
in native peoples (the Sioux Lookout project)	229
Refractometry on rabbit plasmoid aqueous, study of flare by	460
Retina, abnormalities of (Arctic survey findings)	291
Retina, normal sensory, peroxidase diffusion in	582
Retina receptor and area distribution functions	468
Retinal charting, distortion in	476
Retinal cryoadhesion, effect of corticosteroids on	566
Retinal detachment, diagnosis with B-scan ultrasound	10
Retinoschisis, juvenile, natural evolution of	33
X-chromosomal, visual acuity in	385
Rieger's syndrome with chromosomal anomaly	488
Saprophytic fungi, production of corneal ulcer by	119
Socket, dry — new lubricant for	59
Spectacle frame breakage in Northern Canada	241
Staphyloma, ciliary	497
Steroids and I.D.U. in stromal herpes	62
Strabismus and strabismic amblyopia in Northern Canada	244
vertical recti displacement without disinsertion in the treatment of lateral rectus palsy	437
Stromal herpes, I.D.U. and steroids	62

focal illumination....

416